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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/802,410
		Filing Date	March 9, 2001
		First Named Inventor	Aravind Sitaraman
		Art Unit	2661
		Examiner Name	Anthony T. Ton
Total Number of Pages in This Submission	47	Attorney Docket Number	CISCO-3287

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) <small>(please identify below):</small>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	John P. Schaub, Reg. No. 42,125
Signature	
Date	11/11/04

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Carol Diez
Signature	
	Date 11-12-04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT & TRADEMARK OFFICE

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FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)
1272

Complete if Known	
Application Number	09/802,410
Filing Date	March 9, 2001
First Named Inventor	Aravind Sitaraman
Examiner Name	Anthony T. Ton
Art Unit	2661
Attorney Docket No.	CISCO-3287

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Other None
Order

Deposit Account:

Deposit Account Number	50-1698
Deposit Account Name	Thelen Reid & Priest, LLP

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee
 to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1001	790	2001	395
1002	350	2002	175
1003	550	2003	275
1004	790	2004	395
1005	160	2005	80
SUBTOTAL (1)			(\$ 0)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims	73	-61 **	= 12	X 18 = 216
Independent Claims	16	-4 **	= 12	X 88 = 1056
Multiple Dependent			X	= 0

Large Entity	Small Entity	Fee Description	
Fee Code	Fee (\$)	Fee Code	
1202	18	2202	9
1201	88	2201	44
1203	300	2203	150
1204	88	2204	44
1205	18	2205	9
SUBTOTAL (2)		(\$ 1272)	

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051	65
1052	50	2052	25
1053	130	1053	130
1812	2,520	1812	2,520
1804	920*	1804	920*
1805	1,840*	1805	1,840*
1251	110	2251	55
1252	430	2252	215
1253	980	2253	490
1254	1,530	2254	765
1255	2,080	2255	1,040
1401	340	2401	170
1402	340	2402	170
1403	300	2403	150
1451	1,510	1451	1,510
1452	110	2452	55
1453	1,370	2453	685
1501	1,370	2501	685
1502	490	2502	245
1503	660	2503	330
1460	130	1460	130
1807	50	1807	50
1806	180	1806	180
8021	40	8021	40
1809	790	2809	395
1810	790	2810	395
1801	790	2801	395
1802	900	1802	900

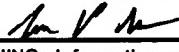
Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	John P. Schaub	Registration No. (Attorney/Agent)	42,125	Telephone	(408) 292-5800
Signature				Date	11/11/04

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2661
RWS
Attorney Docket No.: CISCO-3287
(032590-000134)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Aravind Sitaraman et al.
SERIAL NO.: 09/802,410
FILING DATE: March 9, 2001
TITLE: DYNAMIC MULTI-HOP INGRESS TO ENGRESS L2TP TUNNEL
MAPPING
EXAMINER: Anthony T. Ton (Tel. No.: (703) 305-8956)
(Fax No.: (703) 872-9306)
ART UNIT: 2661

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service
as First Class Mail in an envelope addressed to: Commissioner for Patents, Mail Stop Amendment, P.O.
Box 1450, Alexandria VA 22313-1450, on the date printed below:
Date: 11-12-04 Name: Carol Diez
Carol Diez

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO OFFICE ACTION

Dear Sir:

This paper is responsive to the Office Action mailed **August 11, 2004**. Please amend the
above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims, which begins on page 3
of this paper.

Remarks begin on page 29 of this paper.

11/16/2004 HLE333 00000014 09802410

01 FC:1201
02 FC:1202

1056.00 OP
216.00 OP